09/913756 PCT/US00/04326

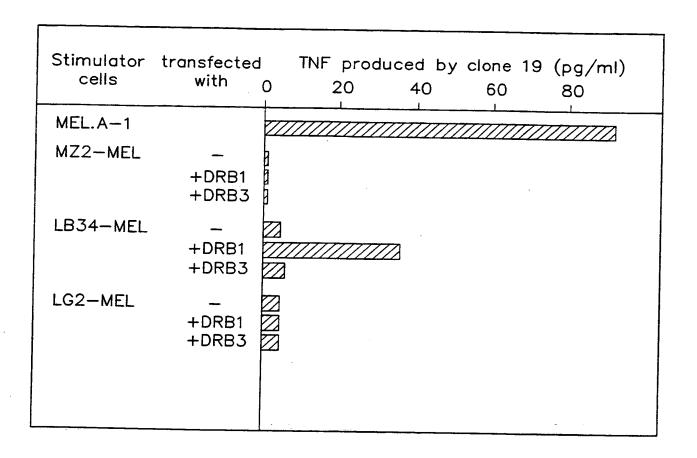


FIG. 1

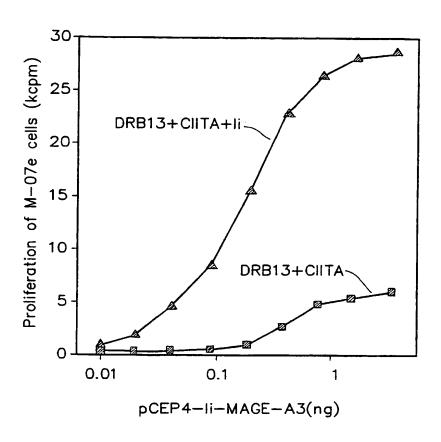


FIG. 2

Stimulator cells	TNF produced by clone 19 (pg/ml) 0 20 40 60 80
293-EBNA + DRB1 + CIITA + Ii + cDNA 279 + cDNA 279 + DRB1 + CIITA + Ii + cDNA 279 + DRB3 + CIITA + Ii + cDNA 60 + cDNA 60 + DRB1 + CIITA + Ii	
+ cDNA 60 + DRB3 + CIITA + Ii	

FIG. 3

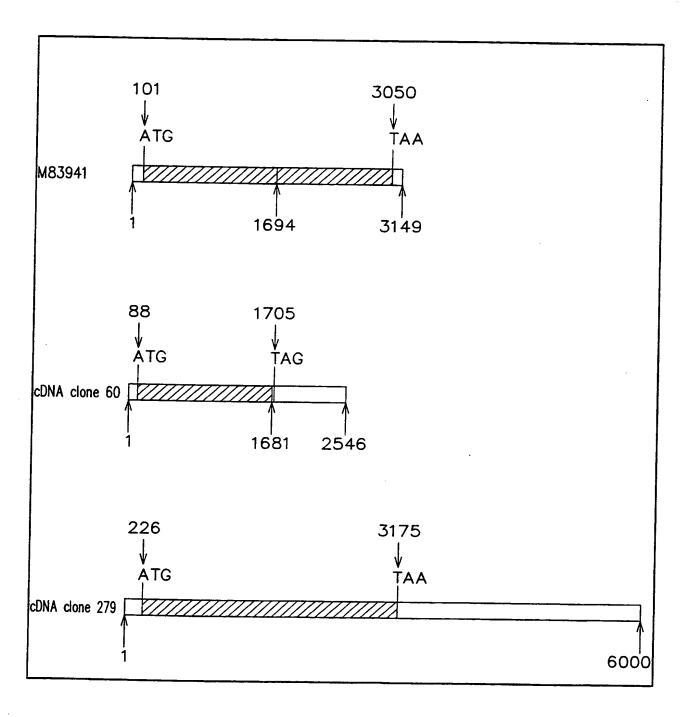
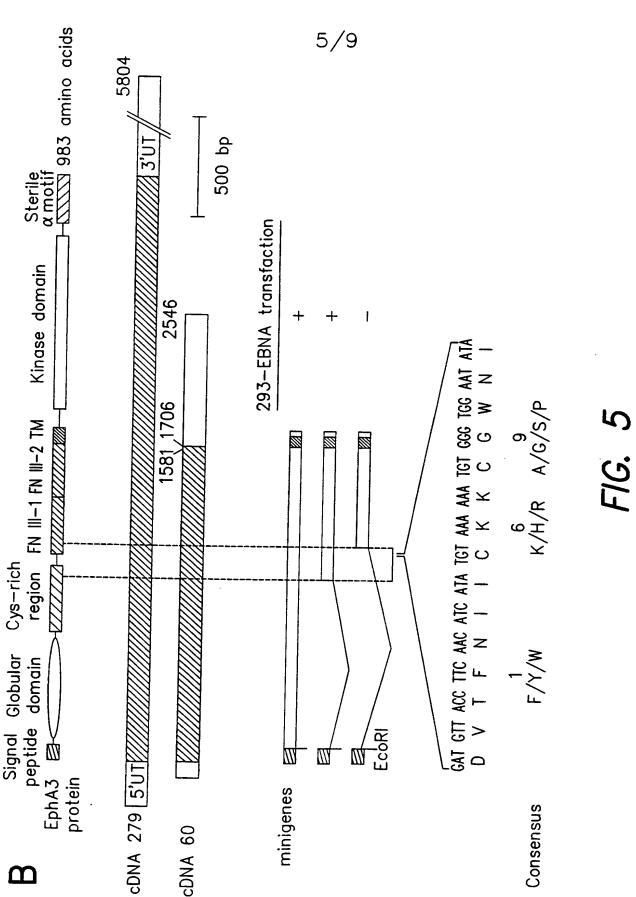


FIG. 4



SUBSTITUTE SHEET (RULE 26)

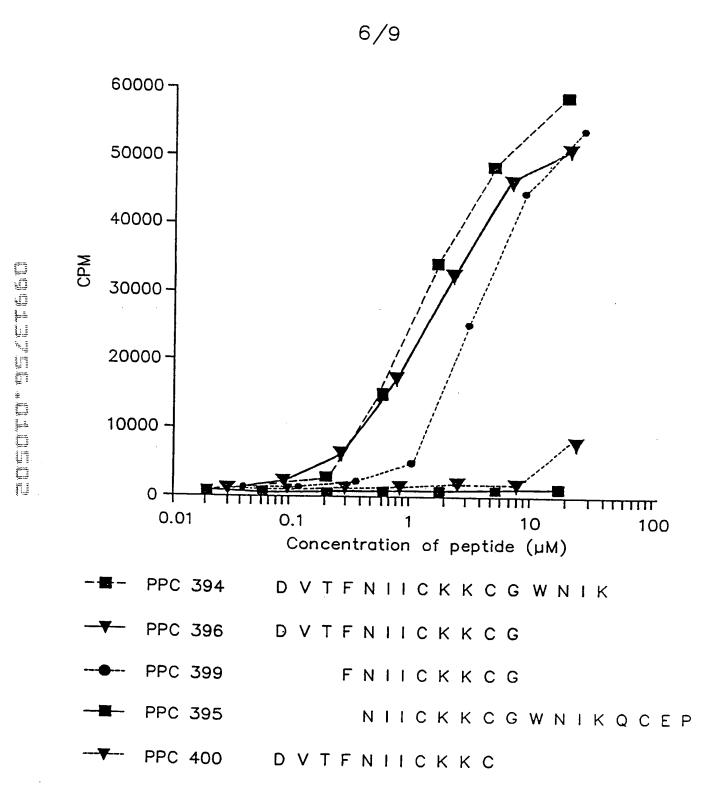
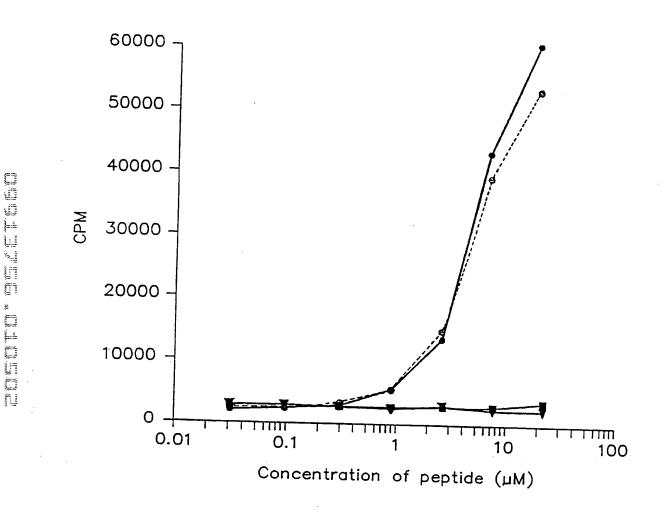


FIG. 6A

SUBSTITUTE SHEET (RULE 26)



PPC 396 DVTFNIICKKCG

PPC 405 DVTFNIISKKCG

PPC 406 DVTFNIICKKSG

▼ PPC 407 DVTFNIISKKSG

FIG. 6B

Tissues	EXPRESSION OF GENE EphA3 (% of the level of expression in MEL.A-1 cells)									
and cells	1		O 4		4			LL.A-		ls)
	<0.03	0.03	<u> </u>	0.3	1 	3	10	30	100	300
foetal brain		İ								•
retina		!								
bladder		1					•	•		
prostate		İ					•	•		
colon		i				•	:•			
liver		1			•	:	•			
adult brain		!			:	•	•			
heart		i			• •	•	•			}
ovary		İ				•				
breast		!		•	•	•	•			
testis		!				•				
adrenals		Ť		•	•	•				
lung			•	• •	•					İ
kidney] 		•	•:					
skin		! !		•:•						
muscle		; 		•						
stomach		 		•						
fibroblasts	:	 	•							
endometrium	•									
melanocytes	•									
bone marrow	:::									
blood MC	•:•									
CTL clones	•									
EBV-B	:::•									
thymus	:									

FIG. 7



	1									
Tumor • samples	EXPRESSION OF GENE EphA3 (% of the level of expression in MEL.A-1 cells)									
o cell lines	<0.03 0		~ 4	0.3	1	3	10	30	100	300
cutaneous melanoma				.	- <u> </u>	••		<u>-</u> -		<u>.</u> L .
primary	•	1			•	••••	: .	•		•
metastatic	000	*		•	•	• 6			00000 00000000000000000000000000000000	• 0
ophthalmic melanoma					:	:	•	:	•	
lung cancer small cell		! ! ! !	• • • • • • • • • • • • • • • • • • • •	0		00	•	• • • •	000	0
non small cell		: ! ! ! !	• 0000			•••	•	•	•	
sarcoma	•	# 		•		•	: .		• 000	•
kidney tumors		i 		• • • • • • • • • • • • • • • • • • •		•	•	•	•	
neuroblastoma				:				:	•	
brain tumors					•		:	.:	:	

FIG. 8